



Parlier Technical Advisory Group Meeting minutes – July 1, 2005

In Attendance:

Randy Segawa – Department of Pesticide Regulation, Environmental Monitoring
Jay Schreider – Department of Pesticide Regulation, Medical Toxicology
Michael Dong – Department of Pesticide Regulation, Worker Health and Safety
Pat Matteson – Department of Pesticide Regulation, Pest Management
Pam Wofford – Department of Pesticide Regulation, Environmental Monitoring
Lynn Baker – Air Resources Board
Doug Edwards – Fresno County Agricultural Commissioner's Office
Helene Margolis – Department of Health Services
Dave Luscher – California Department of Food and Agriculture
Evan Shipp – San Joaquin Valley Air Pollution Control District
Gary Van Sickle – California Tree Fruit Agreement
Tim Tyner – UC San Francisco VAPHER
Lori Berger – California Minor Crops Council

Absent:

Tobi Jones – Department of Pesticide Regulation
Bob Schlag – Office of Environmental Health Hazard Assessment
John Faust – Office Environmental Health Hazards Assessment
Dmitri Smith – Integrated Waste Management Board
Jim Marxen – Department of Toxic Substance Control
David Grantz – UC Kearney
Kent Pinkerton – UC Davis Center for Health and Environment
Rey Leon – Latino Issues Forum

The meeting started with a discussion of the ability of the study to determine the risk of exposure from the pesticides monitored. Temporal pesticide use and exposure should be included in the study design. It was also discussed whether agricultural use can be separated from non-agricultural use. The minutes from June 6, 2005 were finalized.

Objectives:

The 4 new project objectives suggested by Local Advisory Group (LAG) were discussed. 1) Inform the community of project, 2) Reduce pesticide risk, 3) Conduct follow-up actions, and 4) Evaluate comparative risk. The group did not have any objections, but it was agreed that the language in the comparative risk objective needs to be changed to express that we are limited to evaluating only components actually monitored during the study. Comparative risk and cumulative risk evaluation needs to be defined. (confirm at next meeting)

Pesticides to be monitored:

It was agreed that the present selection of chemicals to be monitored during the study was appropriate with the available resources. We will not be able to monitor for some high use pesticides, such as the oils, cryolite, glyphosate, ziram, paraquat, calcium hydroxide, formetanate



hydrochloride or captan because of lack of methods. DPR is still attempting to work phosmet into the analysis method. It was confirmed that the ARB analysis for metals can detect sulfur and total copper. The ARB monitoring of volatile organic compounds (VOC's) will capture 1,3-dichloropropene and methyl bromide. The metals and VOC monitoring conducted by ARB will be only one sample per site per week. Randy indicated that DPR's contract with the California Department of Food and Agriculture's analytical lab has changed and the current sampling proposal will be way over budget, therefore, additional changes may have to be made. It was agreed that it would be preferable to monitor the chloropicrin or MITC rather than try to get the oils, and that we may be able to monitor for them only during part of the year. It was agreed that the decision between the two fumigants should go to the LAG. Some of the high use pesticides in Parlier would not be included in the monitoring, but most of the highest use pesticides have low volatility and low toxicity.

Locations of monitoring sites:

The group agreed that two sites should be adequate to describe ambient air concentrations in Parlier. Wind data indicates and the TAG recommended that sites should be located in the northwest and southeast sections. APCD will be collecting PAMs hydrocarbon samples every three days at the Kearney Ag station.

The next meeting is set for August 18, 2005 at 3:00 pm (or possibly earlier) in Parlier to correspond with Local Area Group (LAG) in the evening. The meeting will include a tour of Parlier, the APCD monitoring site and other possible monitoring sites. We will discuss the monitoring budget, monitoring locations, and other collaborative projects that may be possible.

Please send your available dates for a meeting in September to Randy (rsegawa@cdpr.ca.gov).